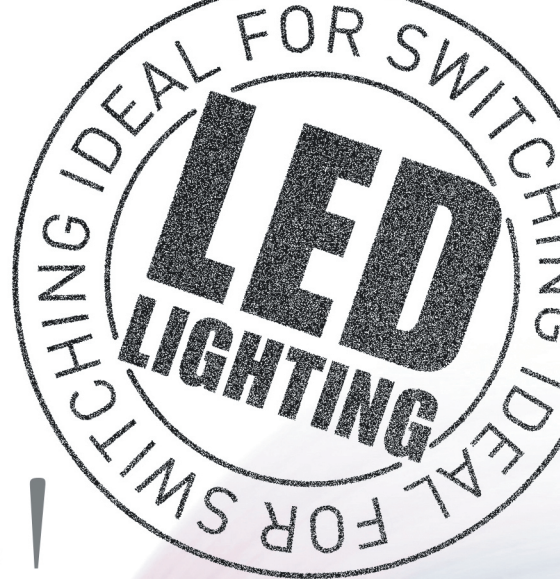




A **theben** Group Company

PIRfect Detection!



Save Time · Save Energy · Save Money



Ideal for
LEDs up to
420W

Timeguard's range of PIR Presence Detectors: Now enhanced to switch up to 420W LED loads as well as up to 1500W incandescent, halogen, fluorescent and inductive lighting or a 250W fan when presence is detected.



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For our complete Enhanced PIR Presence Detector Range.



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ANDY DOUGLAS, MANAGING DIRECTOR, TIMEGUARD EXPLAINS WHY THE COMPANY IS A TRUSTED NAME FOR LED LIGHTING...

Higher quality means lower risk to your business



At Timeguard, we have been true to our name and remain focused on time control, turning power on and off at defined intervals or on demand in response to the presence of people in an area. Our aim is to make more precise control affordable, easy-to-use and stylish; and to keep finding even better ways of doing so. We've also found that, while the trade demands that we are competitive, there is no need to scrape the bottom of the barrel on pricing and cut corners.

Timeguard is streets ahead when it comes to the design of LED lighting. Our compact NIGHTeye range with pan and tilt, and LED heads that emit an even light, are in a class of their own. The recently-added bulkhead design has been remarkably popular, and later this year you'll see how our design engineers have brought LED savings to floodlighting, with clever designs that direct the straight beams of LEDs to create an even conical light field, completely flooded with all the illumination users need. The Timeguard range also wins on technical design. Cooling vanes ensure that the lamps stay at the low temperatures that help to protect the componentry inside and maximise a light's life. One of the most critical components in an LED lamp is the driver, and clearly failures are not uncommon. Wholesalers are more and more reporting these failures and contractors are concerned about

this trend. Of course, the LEDs themselves are also critical and installers are now asking what make of LED has been built into the light before they buy it. All in all, installers want and rely on the reassurance of a good UK brand.

Another potential string to your bow with LED lighting is going to be the ability to dim it, and we are leading the field once again, with new DIN-rail mounted LED dimmers coming to market for you in 2014.

PIR detectors are an effective and efficient way of automating lighting or HVAC, and there's a huge choice, ranging from the original, relatively crude motion detectors to highly sensitive devices that will detect the movement of a person working at a keyboard, and ensure their working environment stays warm and well-lit. However, it is not commonly appreciated that LEDs, despite being energy-efficient, do have a relatively high current surge on switching. If a PIR detector is not specifically rated

for switching LEDs, there's a vastly increased risk of it failing. As ever, replacing an early failure will be at your cost as an installer and, by definition, PIR detectors can be in some of the most awkward places to access.

The argument for electronic thermostats is clearly won.

Timeguard's Programastat range already offers options, from wall-mounted stats that are simple to operate, to sophisticated, zoned heating controllers and devices that ingeniously combine both time and temperature control within a remarkably small unit. Expect some new ideas coming to market as part of this range as well before 2014 is out.



"Our aim is to make more precise control affordable, easy-to-use and stylish."



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